AS Capstone Project

Proposal

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Patient Records Project

Associate's Degree

Overview

We're proposing a responsive website for a company that creates Patient Medical Records technologies. On this website a user will find a brief overview about our company, along with information about our product developers. Users will also be able to view our current and future technologies for patient medical records, which are built using C# and SQL. We'll include examples and detailed descriptions encompassing the functionality of each technology, and how they work to make users jobs easier. A user will be able to download a working prototype, or be able to explore the many details of our medical form technologies in our product overview pages. For the C# part, we will be developing an electronic medical records interface for patient information, which will store on an SQL Server.

Functionality

Functionality for the website:

- Splash Page with logo or title that disappears after 5 seconds
- CSS animations on hover or page load
- Contact form that will automatically send to our company email
- Ability to download our C# program /.exe
- Mobile Friendly/ Fully responsive
- Scrollfire to each section with just one click of Nav buttons
- Possibly incorporate pulling/sending data of some sort through PHP to DB
- Google Maps API - Location

Functionality for the C# program:

- Administrator Login screen for secure patient record handling
- Add/Update/Delete patient records
- Search through patient database
- Pull searched data into patient update form
- Search results depending on certain criteria
- Validating information
- Using Classes
- Ability to warn users of invalid login

Development Platform

This website and application will be coded in the following:

Website:

- HTML, CSS, Javascript, jQuery, Materialize CSS, PHP MySQL

Patient Medical Record:

- C# & SQL

This site will be hosted in NEIT's server ict.neit.edu. We plan to create a domain name for our website, using a company name along the lines of *Protech Solutions* or *Medform Technologies.*